



POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION 6 SITE NUMBER (to be assigned by EPA)
TX 05045

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency, Site Tracking System; Hazardous Waste Enforcement Task Force /EN-333, 401 M St., SW, Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME Integrated steel mill	B. STREET (or other identifier) (located on Industrial Road) P. O. Box 96120		
C. CITY Houston	D. STATE Texas	E. ZIP CODE 77013	F. COUNTY NAME Harris
G. OWNER/OPERATOR (if known) 1. NAME Same as above		2. TELEPHONE NUMBER (713) 960-6561	
H. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN			

I. SITE DESCRIPTION Integrated steel mill Four closed pits or ponds (See Attachments)
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J. HOW IDENTIFIED (i.e., citizen's complaint, OSHA citations, etc.) EPA Region 6	K. DATE IDENTIFIED (mm, day, & yr.) 4/11/80
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L. PRINCIPAL STATE CONTACT 1. NAME Dan Scheppers - TDWR	2. TELEPHONE NUMBER (512) 475-1344
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II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input type="checkbox"/> 3. LOW <input type="checkbox"/> 4. NONE <input checked="" type="checkbox"/> 5. UNKNOWN

B. RECOMMENDATION <input type="checkbox"/> 1. NO ACTION NEEDED (no hazard) <input checked="" type="checkbox"/> 2. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input type="checkbox"/> 3. IMMEDIATE SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input type="checkbox"/> 4. SITE INSPECTION NEEDED (low priority)

C. PREPARER INFORMATION 1. NAME Thomas J. Stang Engineering-Science, Inc.	2. TELEPHONE NUMBER (713) 943-2922	3. DATE (mm, day, & yr.) 12/7/83
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III. SITE INFORMATION

A. SITE STATUS <input checked="" type="checkbox"/> 1. ACTIVE (These indicated or suspected areas which are being used for waste treatment, storage, or disposal or a continuing leak, even if underground) <input checked="" type="checkbox"/> 2. INACTIVE (These areas which no longer receive wastes) Four closed pits or ponds <input type="checkbox"/> 3. OTHER (specify: These areas that include such incidents like "landfill burning" where no regular or continuing use of the site for waste disposal has occurred.)
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B. IS GENERATOR ON SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify generator's four-digit SIC Code) 3312 SUPERFUND FILE

C. AREA OF SITE (in acres) 6.1 acres of total closed pits or ponds	D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES 1. LATITUDE (deg-min-sec) 29° 45' 25" 2. LONGITUDE (deg-min-sec) 95° 12' 00"
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E. ARE THERE BUILDINGS ON THE SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify: Offices and plant areas)

72679-2 (10-77)

Continue On Reverse

Continued From Page 2

V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).
Chromium (heavy metals)
High pH
Possible Organics

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.
See attachment A

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mm. 5')	C. ALLEGED INCIDENT (mm. 5')	D. DATE OF INCIDENT (mm.-day-yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER	X			
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL	X			
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIGHTY DUMPFIRE				
22. OTHER (specify):				

000057

TX 05045
12-9-83

ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in explanation of a question on the form T2070-2.

Corresponding
number on form

I-j
II-B
V-4

Additional Remark and/or Explanation

Four closed surface impoundments (pits or ponds) remain on site. The site names and past activities are listed below:

- Rod Mill Pond - drying pond for settled furnace waste sludge (pickle liquor)
- Coke Plant Acid Pit - decanted tank sludges containing tars
- neutralization of spent acids and pickle liquor
- Pipe Plant Acid Pit - spent acid including pickle liquor evaporated
- Coke Plant East End Pit - coke plant sludge storage

Little information regarding the closure of these sites exists due to their closure prior to 1980. However, files do indicate most were unlined and that any remaining sludges were trucked off-site or neutralized in place. It appears that the sites were intermediate settling evaporation or neutralization basins prior to treatment or discharge. Since the impoundments were constructed prior to RCRA, (1976) chances are that they were not constructed with sound environmental engineering practice.

Recent site inspections have not indicated that the inactive sites pose any environmental problem, however, a thorough investigation of the four sites have not taken place. Due to Armco's pending site shut down a future site inspection should take place to investigate these closed impoundments.

Armco operates an active landfill located approximately 7/8 mile north of the main plant area off of Greens Bayou and Sheffield Streets. They disposed of electric furnace dust and spent pickle liquor at this site. Both wastes are hazardous, K061 and K062 respectively.